

**Cicindelidae in the Collection of the Experiment Station of the
Hawaiian Sugar Planters' Association, and in the
Collection of Fred C. Hadden.**

BY FRED C. HADDEN

(Presented at the meeting of March 2, 1933.)

The writer has recently rearranged the Cicindelidae in the collection of the Experiment Station, and in his collection. They have been arranged according to the "Coleopterorum Catalogus" Pars 86, 1926, by W. Horn, in the case of species *not* found in North America. The North American species were arranged according to the "Catalogue of the Coleoptera of North America, North of Mexico," 1920, by C. W. Leng.

Most of the European, South American, and tropical species were identified by Dr. Walther Horn of the Deutsches Entomologisches Museum, Gossler Strasse 20, Berlin-Dahlem, Germany. The North American species were identified by Dr. E. C. Van Dyke of the University of California, Berkeley, Calif., and by the writer.

A total of 302 species are represented in the two collections, of which 139 species are represented in the collection of the Experiment Station, and 258 species are in the writer's collection; 93 species are common to both collections.

Most of the specimens were collected by the following entomologists:

Dr. F. X. Williams—Collected in South America and in the Philippines.

Mr. C. E. Pemberton—Collected in Australia, New Guinea, Celebes, Borneo, and Malaya.

Mr. F. Muir—Collected in Malaya, China, Celebes, Amboina, Ceram, Borneo, and Japan.

Mr. J. E. A. Lewis—Collected in Japan.

Mr. T. B. Fletcher—Collected in India.

Mr. F. C. Hadden—Collected in California, Japan, Formosa, China, and in the Philippines.

Dr. G. A. C. Herklots—Collected in Hongkong, China.

Species without an *e* or *h* before their number are represented in both collections.

Species with an *e* before their number are represented only in the Experiment Station Collection.

Species with an *h* before the number are represented only in the Hadden Collection.

ALOKOSTERNALE PHYLE

Tribe 1. CTENOSTOMINI

e.	1	<i>Ctenostoma unifasciatum</i> Dej.	Rio de Janeiro, Brazil	I-29-24
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Tribe 2. COLLYRINI

	2	<i>Tricondyla pulchripes</i> White	Foochow, China	VI-1-28
			Hongkong, China	X-6-31
h.	3	" <i>punctulata</i> Chd.	Celebes	III-3-32
	4	" <i>aptera</i> Ol.	New Guinea ; Amboina	V-1-28
	5	" <i>aptera</i> var. <i>globicollis</i> Chd.	Laguna, P. I.	V-1-31
	6	" <i>aptera</i> var. <i>punctipennis</i> Chev.	Mindanao, P. I.	IV-16-31
	7	" <i>aptera</i> var. <i>ovicollis</i> Mots.	Mt. Maquiling, Laguna P. I.	VII-16-30
	8	" <i>cyanipes</i> Esch.	Laguna Prov., P. I.	V-19-31
	9	" <i>cyanipes</i> var. <i>conicicollis</i> Chd.	Laguna Prov., P. I.	V-1-31
h.	10	" <i>cyanipes</i> var. <i>brunnipes</i> Mots.	Borneo	
h.	11	<i>Neocollyris brevilabris</i> W. H.	Laguna, P. I.	IV-16-31
h.	12	" <i>redtenbacheri</i> W. H.	Dehra Dun, India	VIII-5-18
	13	" <i>diardi</i> Latr.	Singapore	III-1-07
h.	14	" <i>angularis</i> W. H.	Tayabas, Luzon, P. I.	VI-19-31
	15	" <i>albitarsis</i> Er.	Laguna, Luzon, P. I.	V-19-31
e.	16	" <i>celebensis</i> Chd.	Makassar, Celebes	XII-1-08
	17.	" <i>bonelli</i> Guer.	Java	V-1-07
h.	18	" <i>bonelli</i> var. <i>ortygia</i> Buq.	India	
	19	" <i>emarginata</i> Dej.	Laguna, Luzon, P. I.	V-6-31
e.	20	" <i>tuberculata</i> M'Leay	Java	V-1-29
e.	21	" <i>apicalis</i> Chd.	Singapore	III-1-07
	22	" <i>acrolia</i> Chd.	Laguna, Luzon, P. I.	V-1-31
h.	23	" <i>affinis</i> W. H.	Luzon	
h.	24	" <i>affinis</i> var. <i>similior</i> W. H.	Mindanao	
e.	25	" <i>sarawakensis</i> Thoms.	Borneo	
e.	26	" <i>arnoldi</i> M'Leay	Java	V-1-07

Tribe 3. *MEGACEPHALINI*Subtribe 2. *OMINA*

- h. 27 *Pycnochila fallaciosa* Chev. Punta Arenas, Magellanes
 28 *Amblychila cylindriciformis* Say. Kansas
 29. " *baroni* Riv. Arizona
 (The following numbers 4, 5, 7, 9, etc., are as in Leng's catalogue)
 e. 30-4 *Omus dejeani* Rche.
 e. 31-5 " *audouini* Rche.
 e. 32-7 " *ambiguus* Schp.
 h. 33-9 " *angusto-cylindricus* W. H. Plumas Co., Calif. VI-1-24
 34-12 " *californicus* Esch. Berkeley, Calif. IV-1-24
 h. 35-15 " *cupreonitens* B. & R. Humboldt Co., Calif. VII-1-27
 e. 36-17 " *edwardsi* Cr.
 e. 37-19 " *intermedius* Leng.
 38-21 " *lecontei* Horn. Monterey, Calif. XII-21-24
 39-25 " *sequoiarum* Cr. Plumas Co., Calif. VI-14-24
 e. 40-34 " *laevis* Horn.

Subtribe 3. *MEGACEPHALINA*

- 41 *Aniara sepulcralis* F. Belem, Para. V-1-24
 h. 42 *Megacephala (Tetracha) euphratica* Latr. & Dej. India
 h. 43 " *cylindrica* M'Leay Australia
 h. 44 " *australis* Chd. Australia
 h. 45 " *crucigera* M'Leay Australia II-1-27
 46 " *(Tetracha) carolina* L. Texas VIII-1-22
 e. 47 " *carolina* var. *mexicana* Gray.
 h. 48 " *fulgida* Klug. Paraguay
 49 " *sobrina* var. *longipennis* Chd. Belem, Para. V-1-24
 e. 50 " *brasiliensis* Kby. Mexico VII-1-24
 51 " *virginica* L. Kansas V-10-10
 e. 52 *Oxychila gracillima* Bates Mera, Ecuador II-6-23
 e. 53 *Pseudoxychila bipustulata* Latr. Mera, Ecuador I-25-23
 54 " *bipustulata* var. *ceratoma* Chd. Mera, Ecuador I-22-23
 e. 55 *Chiloxia binotata* var. *longipennis* W. H. Tena, Ecuador IV-20-23

Tribe 5. *CICINDELINI*Subtribe 2. *PROTHYMINA*

- h. 56 *Prothyma paradoxa* W. H. India
 57 " *hopkinsi* W. H. Mt. Maquilang, Luzon, P. I. V-19-31
 58 " *hopkinsi* var. *bakeri* W. H. Tayabas, Prov., Luzon V-1-31

Subtribe 2. *PROTHYMINA* (Continued)

h. 59	<i>Prothyma hopkinsi</i> var. <i>aeneo-parva</i> W. H.	Tayabas, Prov., Luzon	V-1-31
60	" <i>hopkinsi</i> var. <i>rotundato-cuprascens</i> W. H.	Biliran Isle, P. I.	VI-1-27
61	<i>Dilatotarsa beccarii</i> Gestro.	Mountain Prov., P. I.	V-1-32
h. 62	" <i>patricia</i> Schm.	Celebes	III-3-32
63	<i>Distipsidera flavicans</i> Chd.	Bundaberg, N. Q.	XII-1-04
e. 64	" <i>gruti</i> Pasc.	Hambledon, Australia	XI-1-21
e. 65	" <i>flavipes</i> M'Leay	Halifax, N. Q.	IV-1-20

Subtribe 3. *THERATINA*

66	<i>Therates labiatus</i> F.	Pirot, Ceram	I-1-09
67	" <i>labiatus</i> var. <i>coracinus</i> Er.	Mt. Maquiling, P. I.	V-1-31
h. 68	" <i>labiatus</i> var. <i>fulvipennis</i> Chd.	Mindanao	
h. 69	" <i>labiatus</i> var. <i>everetti</i> Bates	Mindanao	
h. 70	" <i>labiatus</i> var. <i>sudans</i> W. H. (= <i>fulvipennis</i> Chd.)	Mindanao	
71	" <i>basalis</i> Dej.	Koitaki, New Guinea	XI-1-28
72	" <i>semperi</i> Schm.	Mt. Maquiling, P. I.	IV-1-31
h. 73	" <i>fasciatus</i> F.	Basilan, P. I.	
h. 74	" <i>fasciatus</i> var. <i>nigrosteralis</i> W. H.	Davao, Mindanao, P. I.	
h. 75	" <i>fasciatus latreillei</i> Thoms.	Celebes	III-3-32
e. 76	" <i>dimidiatus</i> var. <i>wallacei</i> Thoms.	Borneo	
77	" <i>batesi</i> Thoms.	Borneo	X-1-07
e. 78	" <i>erinyis</i> Bates	Borneo	X-1-07
79	" <i>schaumianus</i> var. <i>flavo-ornata</i> W. H.	Borneo	X-1-07
e. 80	" <i>princeps</i> Bates	Borneo	X-1-07

Subtribe 4. *ODONTOCHILINA*

e. 81	<i>Odontochila nodicornis</i> Dej.	Brazil	IV-1-24
82	" <i>cayennensis</i> F.	Mera, Ecuador	I-25-23
e. 83	" <i>cayennensis</i> var. <i>bipunctata</i> F.	Tena, Ecuador	II-14-23
84	" <i>trilbyana</i> Thoms.	Mera, Ecuador	I-25-23
e. 85	" <i>batesi</i> var. <i>castelnaui</i> Luc.	Tena, Ecuador	III-27-23
86	" <i>vermiculata</i> Bates	Tena, Ecuador	III-27-23
e. 87	" <i>mexicana</i> Cast.	?	
88	" <i>luridipes</i> var. <i>aperta</i> Klug.	Para.	V-1-24
e. 89	" <i>marginoguttata</i> Dej.	Trinidad	VII-1-23
90	" <i>chrysis</i> F.	Blairmont, B. G.	X-1-23
e. 91	" <i>cupricollis</i> Koll.	Brazil	II-2-24
e. 92	<i>Heptodonta analis</i> F.	Borneo	X-1-07
93	" <i>melanopyga</i> Schm.	Luzon, P. I.	V-1-31
e. 94	<i>Prepusa punctum</i> Klug.	Brazil	III-1-24

Subtribe 5. *CICINDELINA*

h. 95	<i>Cicindela melancholica</i> F.		
h. 96	" <i>sexpunctata</i> F.	Burma	X-18-24
h. 97	" <i>brevicollis</i> var. <i>clathrata</i> Dej.		
h. 98	" <i>stenodera</i> Schm.	Celebes	
99	" <i>mandibularis</i> Schm.	Laguna, P. I.	V-19-32
h. 100	" <i>fugax</i> Schm.	Tayabas, P. I.	VI-25-30
h. 101	" <i>conspicua</i> Schm.	Mt. Maquiling ?, P. I.	
102	" <i>clara</i> Schm.	Tayabas	
		Prov., P. I.	VI-19-31
103	" <i>clara</i> var. <i>aenula</i> W. H.	Mt. Maquiling, P. I.	V-19-31
104	" <i>clara</i> var. <i>rugothoracica</i> W. H.	Mountain Prov., P. I.	V-1-32
h. 105	" <i>virginea</i> var. <i>interposita</i> W. H.	Tayabas, P. I.	VI-19-31
h. 106	" <i>sauteri</i> W. H.	Formosa	VI-26-27
h. 107	" <i>delavayi</i> var. <i>funebria</i> Schmt.-Goeb.	Assam	V-20-25
h. 108	" <i>dromicoides</i> Chad.	India	VII-1-24
109	" <i>triguttata</i> Hbst.	Laguna, P. I.	V-14-31
h. 110	" <i>holosericea</i> F.	Semarang, Java	X-1-05
111	" <i>pseudo-nana</i> W. H.	Tayabas, P. I.	V-6-32
h. 112	" <i>nana</i> Schm.		
h. 113	" <i>spinolai</i> Gestr.	Dehra Dun, India	V-15-25
114	" <i>psilica</i> Bates	Taihoku, Formosa	V-20-27
115	" <i>macilenta</i> Schm.	Laguna, P. I.	V-29-31
116	" <i>minuta</i> Ol.	Pusa, India; Java	VII-1-07
117	" <i>elisae</i> Mots.	Sapporo, Japan	VII-20-27
118	" <i>elisae</i> var. <i>reducte-lineata</i> W. H.	Taihoku, Formosa	V-6-28
119	" <i>venosa</i> Koll.	Pusa, India	
120	" <i>excisa</i> Schm.	Zamboanga, P. I.	VI-1-32
121	" <i>grammophora</i> Chd.	Pusa, India	
122	" <i>specularis</i> Chd.	Kobe, Japan	VII-1-17
h. 123	" <i>foveolata</i> Schm.		
124	" <i>sumatrensis</i> Hbst.	Los Banos, Laguna, P. I.	VII-2-31
h. 125	" <i>angulata</i> F.	Dehra Dun, India	III-25-25
h. 126	" <i>chloris</i> Hope	Dehra Dun, India	VII-20-25
h. 127	" <i>funerea</i> M'Leay	Burma	X-27-21
h. 128	" <i>funerea</i> var. <i>assimilis</i> Hope	Sikkim	
129	" <i>lunulata</i> F.		
130	" <i>lunulata</i> var. <i>nemoralis</i> Ol.		
131	" <i>discreta</i> Schm.	Celebes	III-3-32
132	" <i>kaleea</i> Bates	Taihoku, Formosa	VII-14-27
e. 133	" <i>semicincta</i> Brullé.	Koitaki, New Guinea	XII-1-28
134	" <i>lacrymosa</i> Dej.	Laguna, P. I.	V-19-31
135	" <i>decemguttata</i> F.	Amboina; Java	V-1-08
h. 136	" <i>intermedia</i> Chd.	Mussoorie	V-28-21
h. 137	" <i>duponti</i> Dej.	Annam	
138	" <i>aurulenta</i> F.	Borneo	VIII-1-09

Subtribe 5. *CICINDELINA* (Continued)

139	<i>Cicindela aurulenta</i> var. <i>flavomaculata</i> Chev.	Hongkong	VI-1-31
140	" <i>aurulenta batesi</i> Fleut.	Taihoku, Formosa	VII-9-27
141	" <i>chinensis</i> Geer.	Foochow, China	VI-16-31
142	" <i>chinensis</i> var. <i>japonica</i> Thunb.	Mt. Rokko, Japan	VII-7-28
143	" <i>heros</i> F.	Celebes	III-3-32
144	" <i>striolata</i> Ill.	India	II-18-32
h. 145	" <i>striolata</i> var. <i>dorsolineolata</i> Chev.	Hongkong	VI-16-31
146	" <i>striolata</i> var. <i>tenuiscripta</i> Fleut.	Laguna, P. I.	V-19-31
h. 147	" <i>striolata</i> var. <i>lineifrons</i> Chd.	India	V-10-25
e. 148	" <i>fuliginosa</i> Dej.	Java	XI-30-08
149	" <i>cancellata</i> var. <i>subtilesculpta</i> W. H.	Formosa	VI-14-27
150	" <i>biramosa</i> F.	Saigon	
h. 151	" <i>nivicincta</i> Chev.	(Riu Kiu)	
152	" <i>vitiensis</i> Bl.	Luchu Islands	V-30-14
153	" <i>funerata</i> Boisd.	Rewa, Fiji	III-3-06
e. 154	" <i>guineensis</i> W. H.	Koitaki, N. G.	X-16-28
h. 155	" <i>waionuraensis</i> Broun.	Laloki, Papua	II-2-10
h. 156	" <i>austromontana</i> Bates	Marlborough, N. Z.	II-12-14
h. 157	" <i>perhispidata</i> Broun.	Awatere, N. Z.	II-14-16
e. 158	" <i>argentata</i> F.	N. Z.	
h. 159	" <i>soluta</i> Dej.	Belem, Para.	V-1-24
h. 160	" <i>silvatica</i> L.	Budapest	
h. 161	" <i>silvatica</i> var. <i>similis</i> Westh.		
h. 162	" <i>silvatica</i> var. <i>fennica</i> Beuth.		
h. 163	" <i>silvatica</i> var. <i>virescens</i> Beuth.		
164	" <i>japana</i> Mots.	Kobe, Japan	VI-9-28
(Nos. 165-210, mostly European species. Locality data not available.)			
e. 165	" <i>sachalinensis</i> Moraw.		
h. 166	" <i>silvicola</i> Dej.		
h. 167	" <i>gallica</i> Brullé.		
h. 168	" <i>hybrida</i> L.		
h. 169	" <i>hybrida</i> var. <i>monasteriensis</i> Westh.		
h. 170	" <i>hybrida</i> var. <i>riparia</i> Dej.		
h. 171	" <i>hybrida</i> var. <i>sibirica</i> Fisch.		
h. 172	" <i>hybrida</i> var. <i>maritima</i> Dej.		
h. 173	" <i>hybrida</i> var. <i>virescens</i> Ev.		
h. 174	" <i>hybrida</i> var. <i>hamifasciata</i> Kolbe.		
h. 175	" <i>hybrida</i> var. <i>nitida</i> Licht.		
h. 176	" <i>granulata</i> Geb.		
177	" <i>campestris</i> L.		
h. 178	" <i>maura</i> L.		
h. 179	" <i>maura</i> var. <i>recta</i> Krtz.		
h. 180	" <i>galatea</i> Thieme.		
h. 181	" <i>germanica</i> L.		
h. 182	" <i>germanica</i> var. <i>deuteros</i> Dall. T.		
h. 183	" <i>germanica</i> var. <i>obscura</i> F.		
h. 184	" <i>germanica</i> var. <i>angustata</i> Mots.		
h. 185	" <i>germanica</i> var. <i>sobrina</i> Gory.		

Subtribe 5. *CICINDELINA* (Continued)

h. 186	<i>Cicindela germanica</i> var. <i>martorelli</i> Krtz.
h. 187	" <i>germanica</i> var. <i>descendens</i> Fisch.
h. 188	" <i>gracilis</i> Pal.
h. 189	" <i>lyoni</i> var. <i>latreillei</i> Dej.
h. 190	" <i>deserticola</i> Fald.
h. 191	" <i>elegans</i> var. <i>stigmaphora</i> Fisch.
h. 192	" <i>circumdata</i> Dej.
h. 193	" <i>circumdata</i> var. <i>dilacerata</i> Dej.
h. 194	" <i>chiloleuca</i> Fisch.
h. 195	" <i>arenaria</i> var. <i>lugdunensis</i> Dej.
h. 196	" <i>arenaria</i> var. <i>viennensis</i> Schr.
h. 197	" <i>arenaria</i> var. <i>litterata</i> W. H.
h. 198	" <i>contorta</i> Fisch.
h. 199	" <i>trisignata</i> Dej.
h. 200	" <i>lunulata</i> F.
h. 201	" <i>lunulata</i> var. <i>littoralis</i> F.
h. 202	" <i>fischeri</i> Adams.
h. 203	" <i>fischeri</i> var. <i>alasanica</i> Mots.
h. 204	" <i>concolor</i> Dej.
h. 205	" <i>caucasica</i> Adams.
h. 206	" <i>sturni</i> Ment.
h. 207	" <i>flexuosa</i> F.
h. 208	" <i>flexuosa</i> var. <i>lunata</i> Beuth.
h. 209	" <i>flexuosa</i> var. <i>sardea</i> Dej.
h. 210	" <i>truquii</i> Guer.

NORTH AMERICAN SPECIES

(Second figure is number in Leng's catalogue.)

211-39	<i>Cicindela formosa</i> Say.	Texas	IV-1-28
h. 212-39b	" <i>formosa</i> var. <i>generosa</i> Dej.	Chicago, Ill.	VII-1-29
h. 213-40	" <i>lengi</i> W. H.	Medora, Kansas	
214-41	" <i>limbata</i> Say.	Wallace, Neb.	VII-7-31
215-42	" <i>purpurea</i> Oliv.	Minnesota	V-30-11
216-42b	" <i>purpurea</i> var. <i>graminea</i> Schp.	Utah	V-6-28
e. 217-42a	" <i>purpurea</i> var. <i>auduboni</i> Lec.		
218-44	" <i>splendida</i> Hentz.	Hope, Arkansas	X-10-30
h. 219-45	" <i>limbalis</i> Klug.	Jeannette, Pa.	
220-45a	" <i>limbalis</i> var. <i>amoena</i> Lec.	Mt. Pleasant, Iowa	IV-4-28
221-48	" <i>ancocisconensis</i> Harr.	Buffalo, N. Y.	
222-49	" <i>duodecimguttata</i> Dej.	Alaska	VI-18-28
h. 223-49c	" <i>duodecimguttata</i> var. <i>bucolica</i> Csy.	Hennepin Co., Minn.	VII-6-10
224-50	" <i>repanda</i> Dej.	Medora, Kans.	VI-25-16
225-51	" <i>hirticollis</i> Say.	Lake Forest, Ill.	V-30-30
h. 226-51a	" <i>hirticollis</i> var. <i>ponderosa</i> Thoms.	N. J.	
h. 227-51d	" <i>hirticollis</i> var. <i>gravida</i> Lec.	Arizona	

Subtribe 5. *CICINDELINA* (Continued)

228-52	<i>Cicindela latesignata</i> Lec.	Huntington Beach, Calif.	VIII-6-28
h. 229-52b	" <i>latesignata</i> var. <i>tenuicincta</i> Blaisd.	Huntington Beach, Calif.	XI-12-30
h. 230-53	" <i>tranquebarica</i> Hbst.	Medora, Kans.	V-7-16
e. 231-	" <i>tranquebarica</i> var. <i>vulgaris</i> Say.		
e. 232-	" <i>tranquebarica</i> var. <i>obliquata</i> Kby.		
h. 233-55	" <i>vibex</i> Horn.	Plumas Co., Calif.	VI-20-24
h. 234-55a	" <i>vibex</i> var. <i>viridissima</i> Fall.	Plumas Co., Calif.	VI-20-24
h. 235-57	" <i>tenuicincta</i> Schp.		
h. 236-59	" <i>longilabris</i> Say.	Tahoe, Calif.	VII-13-15
h. 237-59b	" <i>longilabris</i> var. <i>montana</i> Lec.	Salt Lake City, Utah	V-6-28
h. 238-59h	" <i>longilabris</i> var. <i>perviridis</i> Schp.	Tahoe, Calif.	VII-13-15
h. 239-60	" <i>eureka</i> Fall.	Humboldt Co., Calif.	V-4-11
240-61	" <i>oregona</i> Lec.	Plumas Co., Calif.	VI-26-24
h. 241-61b	" <i>oregona</i> var. <i>maricopa</i> Leng.	Arizona	
h. 242-62	" <i>depressula</i> Csy.	Angora Peak, Tahoe Calif.	VII-15-15
h. 243-63	" <i>senilis</i> Horn	Millbrae, Calif.	X-3-14
h. 244-64b	" <i>willistoni</i> var. <i>pseudosenilis</i> W. H.	Calif.	I-17-17
h. 245-65	" <i>fulgida</i> Say.	Grand Canyon, Ariz.	IX-1-29
h. 246-65b	" <i>fulgida</i> var. <i>remittans</i> Csy.	Lind, Wash.	V-15-32
h. 247-66	" <i>pulchra</i> Say.	Hamilton Co., Kans.	VI-1-02
e. 248-67	" <i>pimeriana</i> Lec.		
h. 249-68	" <i>scutellaris</i> Say.	Wallace, Neb.	VII-7-31
250-68a	" <i>scutellaris</i> var. <i>lecontei</i> Hald.	Lake Co., Ill.	V-31-30
h. 251-68c	" <i>scutellaris</i> var. <i>rugifrons</i> Dej.	Lakehurst, N. J.	VII-1-29
h. 252-68e	" <i>scutellaris</i> var. <i>unicolor</i> Dej.	Forestburg, Texas	III-3-28
h. 253-68g	" <i>scutellaris</i> var. <i>modesta</i> Dej.	Lakehurst, N. J.	IX-1-29
254-69	" <i>sexguttata</i> Fab.	Illinois	VII-7-29
h. 255-69b	" <i>sexguttata</i> var. <i>violacea</i> Fab.	Kansas	VI-10-22
256-70	" <i>patruela</i> Dej.	Rockville, Pa.	X-5-25
h. 257-70a	" <i>patruela</i> var. <i>consentanea</i> Dej.	Lakehurst, N. J.	VII-30-22
h. 258-83a	" <i>vulturina</i> Lec.	New Mexico	VIII-4-09
259-74	" <i>punctulata</i> Oliv.	Wallace, Neb.	VII-7-31
e. 260-	" <i>punctulata</i> var. <i>micans</i> Fab.		
h. 261-78	" <i>lemniscata</i> Lec.	Globe, Ariz.	VII-1-21
h. 262-79	" <i>abdominalis</i> Fab.	Lakehurst, N. J.	VII-1-29
h. 263-80	" <i>politula</i> Lec.	Texas	
h. 264-81	" <i>rufiventris</i> Dej.	Rockville, Pa.	VII-23-12
h. 265-81b	" <i>rufiventris</i> var. <i>hentsi</i> Dej.	Mass.	VII-13-27
h. 266-82	" <i>sedecimpunctata</i> Klug.	Gila Co., Ariz.	VII-1-29
h. 267-83	" <i>flavopunctata</i> Chev.	Tucson, Ariz.	X-1-27
h. 268-84	" <i>marginipennis</i> Dej.		
269-86e	" <i>carthagera</i> var. <i>haemorrhagica</i> Lec.		
h. 270-86e	" <i>carthagera</i> var. <i>pacifica</i> Schp.	Naples, Calif.	VIII-4-16

Subtribe 5. *CICINDELINA* (Continued)

h. 271-88	<i>Cicindela arizonensis</i> Bates	Tucson, Ariz.	VII-21-13
h. 272-87	" <i>sommeri</i> Mann.	Iowa	VI-1-05
h. 273-89	" <i>wickhami</i> W. H.		
h. 274-92	" <i>cursitans</i> Lec.	Iowa	VI-11-05
275-93	" <i>unipunctata</i> Fab.	Cave Mts., Pa.	VIII-6-14
276-94a	" <i>pusilla</i> var. <i>imperfecta</i> Lec.	Ritzville, Wash.	VII-1-23
h. 277-96	" <i>circumpicta</i> Laf.	Lincoln, Neb.	VIII-12-32
h. 278-97a	" <i>californica</i> var. <i>praetextata</i> Lec.	Gila Co., Ariz.	VIII-1-31
h. 279-98	" <i>trifasciata</i> Fab.		
h. 280-98	" <i>trifasciata</i> var. <i>tortuosa</i> Lec.	Everglade, Fla.	V-12-12
281-98b	" <i>trifasciata</i> var. <i>sigmoidea</i> Lec.	Naples, Calif.	VIII-11-16
h. 282-99	" <i>gabbi</i> Horn.	Seal Beach, Calif.	IX-1-27
h. 283-101	" <i>dorsalis</i> Say.	Long Beach, L. I., N. Y.	VII-10-12
h. 284-101d	" <i>dorsalis venusta</i> Laf.	Galveston, Texas	VI-14-22
h. 285-103	" <i>hamata</i> A. & B.	Vera Cruz, Mex.	
h. 286-104	" <i>marginata</i> Fab.	New York	
h. 287-107a	" <i>nevadica</i> var. <i>knausi</i> Leng.	Eastland Co., Tex.	VI-1-21
h. 288-108a	" <i>cuprascens</i> var. <i>macra</i> Lec.	Forestburg, Tex.	VI-1-27
h. 289-108b	" <i>cuprascens</i> var. <i>puritana</i> Horn.	Maryland	VII-1-29
h. 290-109	" <i>sperata</i> Lec.	Texas	
h. 291-110	" <i>lepida</i> Dej.	Wallace, Neb.	VII-7-31
h. 292-111c	" <i>togata</i> var. <i>apicalis</i> W. H.	Lincoln, Neb.	VI-1-25
h. 293	" <i>arida</i> Davis (Paratype)	Death Valley, Calif.	III-31-28
e. 294-113	" <i>pilatei</i> Guer.		
e. 295-114	" <i>belfragei</i> Sallé.		

SOUTH AMERICAN SPECIES

e. 296	<i>Cicindela chrysamma</i> Bates	Tena, Ecuador	IV-5-23
e. 297	" <i>trifasciata</i> var. <i>tortuosa</i> Dej.		
h. 298	" <i>trifasciata</i> var. <i>peruviana</i> Cast.	La Serena	I-25-29
h. 299	" <i>apiata</i> Dej.	Buenos Aires	I-1-30
h. 300	" <i>drakei</i> var. <i>pseudochiloleuca</i> W. H.	Argentine	
h. 301	" <i>chiliensis</i> A. & B.	Santiago	I-24-29
h. 302	" <i>macrocnema</i> var. <i>obliquans</i> Chd.	Panama	I-3-11